



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

#### PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta the 29th September 1977

#### APPLICATION FOR PATENTS FILED AT THE (HEAD OFFICE)

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

23rd August 1979

874/Cal/79. American Home Products Corporation. Process for production of quinazoline derivatives. [Divisional date—November 15, 1977.]

875/Cal/79. Fabryka Pras Automatycznych Ponar-Plasomat Zaklad Nr22HYDOMA I. High-speed hydraulic press.

876/Cal/79. Lucas Industries Limited. Liquid level sensing circuit. (August 23rd, 1978).

877/Cal/79. Silver Seiko Ltd. Hand-operated knitting machine with loop transfer functions.

24th August 1979

878/Cal/79. Biswajit Majumder. Improved Kerosene lamp.

879/Cal/79 Kanetsu Koeyo Kabushiki Kaisha. Magnetic base.

880/Cal/79. Lucas Industries Limited. Control circuits for solenoids. (August 24, 1978).

881/Cal/79. Rajeev Navan Panday. Automobile Air conditioning.

27th August 1979

882/Cal/79. Micafil Ltd. Electric non-conductive hollow section part.

257GT/79

883/Cal/79. Fives-Cail Babcock. Continuous centrifugal drying facilities.

884/Cal/79. Horizon Manufacturing Corporation. Material and method for dissociation of water.

885/Cal/79. Meghalaya Phytochemicals Ltd. A method of preparing a medicinal preparation.

29th August 1979

886/Cal/79. Fives-Cail Babcock. Continuous centrifugal dryers.

887/Cal/79. Fives-Cail Babcock. Improvements to continuous centrifugal dryers.

888/Cal/79. Companhia De Gas De Sao Paulo Comgas. Process for gasification of ethanol.

889/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Purification of the exhaust gas produced during the preparation of cyanuric chloride.

890/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Process of obtaining cyanuric chloride in solid or liquid state.

891/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. A process for obtaining cyanuric chloride.

892/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. A process for the production of solid cyanuric chloride.

893/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. A process for the preparation of solid cyanuric chloride from liquid cyanuric chloride.

894/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Equipment for bringing fluids into contact.

895/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Process for the preparation of suspensions or solutions of cyanuric chloride in organic solvents.

896/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. A process for the preparation of suspension or solutions of cyanuric chloride in organic solvents.

897/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Process for the preparation of suspensions or solutions of cyanuric chloride in organic solvents.

898/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. A process for production of chloro-amino-S-Triazines.

899/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. A process for producing substituted 2-Mercapto-4, 6-dichloro-S-triazines.

900/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. A process for producing three substitutes inof cyanuric chloride.

901/Cal/79. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Process for the preparation of 2-Alkoxy-4, 6-dichloro-S-triazines.

902/Cal/79. Trutzschler GmbH & Company, KG. Means for guiding revings delivered by draw rolleris.

903/Cal/79. Hein Lehmann A. G. Method for the production of a perforated bottom with parallel screen elements.

904/Cal/79. The Tata Iron & Steel Company Limited. Usage of high-ash-low-strength coke (or coal) for iron making.

905/Cal/79. The Fertilizer (Planning & Development) India Limited. Process for the production of high-analysis water-soluble nitrophosphate.

APPLICATIONS FOR PATENTS FILED AT THE  
(DEI HI BRANCH)

30th July 1979

545/DEL/79. True Temper Corporation. "Improvements in Rail Fastening Assemblies".

31st July 1979

546/DEL/79. Sir Padampat Research Centre. "Process for producing solid composition containing finely distributed pigment in the polymer."

547/DEI/79. Science Union Et Cie, Societe Francaise De Recherche Medicale. "Process for Preparing New 1-Methyl-4-Piperidinol Esters".

548/DEI/79. The General Electric Company Ltd. "Over-current Relays". (August 9, 1978).

549/DEI/79. Frederick F. Wane. "Energy Conversion System".

1st August 1979

550/DEL/79. Johnson, Matthey & Co., Ltd., "Brazing Materials". (August 1, 1978).

551/DEL/79. Hambio Machinery Ltd. "Conditioning Apparatus".

3rd August 1979

552/DEI/79. Indian Drugs and Pharmaceuticals Ltd., "Process for Preparing novel Amino Methylated Tetracycline". [Divisional Date July 3, 1978].

4th August 1979

553/DEL/79. Council of Scientific & Industrial Research. "A process for the preparation of Manganous Sulphate Monohydrate from Ferromanganese Slag".

554/DEL/79. Council of Scientific & Industrial Research. "Improvements in or relating to a process for producing fuel igniters".

555/DEL/79. Council of Scientific & Industrial Research. "Improvements in or relating to the Electrodeposition of Zinc from Acid and Neutral Baths."

556/DEL/79. Council of Scientific & Industrial Research. "Improvements in or relating to Heat Resistant Paint for steel Structure".

557/DEL/79. Council of Scientific and Industrial Research. "Improvements in or relating to the production of Ammonium perchlorate".

558/DEL/79. Rex-Rotary International Corporation A.S. "Improvements in or relating to supply of toner powder in a developer for an electrostaticographic copier". [Divisional Date January 25, 1978]. (April 14, 1979).

559/DEL/79. Smithkline Corporation. "5-(4-Pyridyl)-Fluorophenyl-2, 3-Dihydromidazo [2, 1-b] Thiazole".

560/DEL/79. Photon Power, Inc. "Methods for improving solar cell open Circuit Voltage". (October 30, 1978).

561/DEL/79. Babcock-Moxey Ltd. "Improvements in Mechanical Handling apparatus for Reclaiming Material from a Stockpile". (August 8, 1978).

562/DEL/79. Ruhrchemie Aktiengesellschaft. "A process for producing a suspension of coal in water".

563/DEL/79. Manoj Kumar Srivastava. "A device for avoiding accidents at sharp bends".

6th August 1979

564/DEL/79. M. K. Mishra & R. K. Mishra. "Domestic Safety Stove : Wick Combustion Type".

7th August 1979

565/DEL/79. Chief Controller of Research and Development. "A process for the preparation of Unsymmetrical Dimethyl Hydrazine".

566/DEL/79. Chief Controller Research & Development. "A process for the synthesis of "Alkyl Methacrylate Tributyl Tin Methacrylate Copolymer".

567/DEL/79. V. R. Bhide. "A Double Walled Evacuated Vessel".

568/DEL/79. The Director of the Central Council for Research in Ayurveda and Siddha. "A process for the preparation of therapeutically active anti-malarial preparation".

569/DEL/79. Empresa Nacional Siderurgica, S.A.- (Ensidesa). "Improvements introduced in the Detection of Leakkages of the cooling Liquid in Blastfurnace Nozzles".

570/DEL/79. Tractel S. A. "Traction or Hoisting apparatus acting on a cable passing on driving pulleys".

8th August 1979

571/DEL/79. Imperial Chemical Industries Ltd. "Hydroxyacetic acid Derivatives" (September 8, 1978).

572/DEL/79. Uop Inc. "Hydrometallurgical Recovery Metal Values".

573/DEL/79. Inderjeet Rishiraj. "Surgery Under Pressure".

9th August 1979

574/DEL/79. Q. Corporation. "Energy Device Powered by the motion of water Beneath waves".

10th August 1979

575/DEL/79. Elliott Brothers (London) Ltd. "Head Up Displays". [September 15, 1978 and (February 6, 1979)].

576/DEL/79. Alcan Research and Development Ltd. "Improvements in the carbothermic production of aluminium". (August 21, 1978).

577/DEL/79. Sven Anders Noren. "Plant for Utilizing Kinetic Energy".

578/DEL/79. Arun Kumar Gaur, "An Electrical Switch".

579/DEL/79. D. N. Singhania, "An Electrical Starter".

580/DEL/79. D. N. Singhania, "An Electrical Starter".

581/DEL/79. D. N. Singhania, "An Electrical Starter".

13th August 1979

582/DEL/79. Mohinder Pal Soni, "A Film Viewer in the form of a Toy".

583/DEL/79. USM Corporation, "Rotary Processor".

584/DEL/79. Kenrich Petrochemicals, Inc. "Cumylphenol Derivatives".

585/DEL/79. Council of Scientific &amp; Industrial Research, "A process for the preparation of levo-3, 4-trans-2, 2-dimethyl-3-phenyl-4 (P-B-pyrrolidinoxy) Phenyl-7-methoxychroman".

16th August 1979

586/DEL/79. Bharat Heavy Electricals Ltd. "Mechanical Load Cell for Resistance spot welding Machine".

17th August 1979

587/DEL/79. Council of Scientific &amp; Industrial Research, "A process for the preparation of substituted 2-hydrazinobenzoic acids."

588/DEL/79. Council of Scientific &amp; Industrial Research, "Resilient anti-vibration mount".

589/DEL/79. Council of Scientific &amp; Industrial Research, "A process for preparation of 1-(2-methyl-5-nitroimidazol-1-yl-ethyl-2-[2-(p-chlorophenoxy)-- propionate/2-methylpropionate]".

590/DEL/79. Council of Scientific &amp; Industrial Research, "A process for the preparation of Phenacyl anthranilates".

591/DEL/79. Crucible S. A. "The recovery of Cold and Silver Values".

592/DEL/79. Societe Nationale Industrielle Aerospatiale, "A device for Limiting the Flapping Movements of the blades of a Rotary-wing Aircraft main rotor".

18th August 1979

593/DEL/79. Vipon Singh Chadha, "Improvements in or relating to Nylon-bearing."

## APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

13th August 1979

221/Bom/79. Gijubhai Joshi, "An improvement in or relating to accurate and speedy focussing the images and photographs in the photographic enlargers".

14th August 1979

222/Bom/79. Mr. Jyotirmoy Das, "Dalex-Crane".

223/Bom/79. Aruna Prabhakar Deodhar, "A zone reader for micro biological Assays".

16th August 1979

224/Bom/79. Miss Rajalakshmi Rajendran and Mrs. Anna-lakshmi Rajendran, "Electronic Cables Conductor Identifier for Telephone Cables using Dualtone Multi-frequency signals".

225/Bom/79. Prakash Shankar Bandarkar, "Iron curved Plank".

226/Bom/79. Dr. Subash R. Gupta, "Tongue brush".

227/Bom/79. Rajesh Bhupathbhai Vadodaria and Rajesh Thakershi Panikh, "An invention relating to packaged heat exchanger for thermal liquid system".

21st August 1979

228/Bom/79. Sunil Balwantrao Lathkar, "An Improvements in relating to automobile direction flasher indicator".

229/Bom/79. Kiroloskaj Brothers Limited, "A shaft".

22nd August 1979

230 Bom/79. Navinchandria Jaikishandas Patel, "An invention for improvement in and modification of foot operated press or sealing machine for sealing polythene PVC or P.P. or like bags".

231 August 1979

231. Bom/79. Pressure Cookers &amp; Appliances Ltd, "Improvements in the handle securing means and pivoting means for handle bar of pressure cookers".

232/Bom/79. Arthur Joseph D Cruz, "Interlocking device for wings and tail parts of toy aircrafts".

233/Bom/79. Pradip Sitaram Buzruk, "A drafting attachment".

## APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

20th August 1979

157/Mas/79. S. Gopalakrishna Iyer, "The Rotary Nozzle Fitted, Strong and Wide as Needed Blading Enabled, Gas or Steam Turbine".

158/May/79. P. Kesavan, Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd. &amp; The Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., (Pulp Division), "Improvements in or relating to Hydraulic Crane".

22nd August 1979

159/Mas/79. Y. Vincent, "An improved Device for Weathering or Drying Tea Leaves".

160/Mas/79. K. Ramachandran, "Improvements in or relating to Stein Drive Device for Sailing Vessels".

24th August 1979

161/Mas/79. A. R. Arulpragasam, Eruthy—A Prime Mover Utilising Animal Power.

## ALTERATION OF DATE

146852

Ante-dated to 11th May, 1977.

940/Del/78.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents or any of the applications concerned at any time within four months of the date this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to India Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta

in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 34A & 145E<sub>2</sub>. 146852.  
Int. Cl.-C08b 9/00, D21c 3/02.

**METHOD OF PRODUCING RAYON HAVING A DEGREE OF POLYMERIZATION OF AT LEAST 800 FROM A PULP OF BAGASSE.**

*Applicant* : PROCESS EVALUATION AND DEVELOPMENT CORPORATION OF 2925 LBJ FREEWAY, DALLAS, TEXAS 75234, UNITED STATES OF AMERICA.

*Inventors* : Eduardo Joel Villavicencio.

Application No. 940/Del/78 filed December 21, 1978.

Division of Application No. 700/Cal/77 filed May 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims. No drawings.

A method of producing rayon having a degree of polymerisation of at least 800 from a pulp of bagasse capable of being dissolved said method comprising :

(a) prehydrolyzing the bagasse with water at autogenous pressure and at a temperature of about 100°C. to 220°C. for about 5 to 90 minutes, the ratio of water to bagasse being 1 : 1 to 15 : 1,

(b) digesting the prehydrolyzed bagasse with an alkaline liquor containing about 3 to 7 weight per cent sodium hydroxide and about 10 to 18 weight per cent sodium sulfite (based on oven-dry bagasse), the ratio by weight of sodium hydroxide to sodium sulfite being about 1 : 2 to 1 : 5; the pH of the prehydrolyzed bagasse-alkaline liquor mixture being 10.5 to 11.2 and maintaining the pH of the digestion mixture within said range of pH throughout at least one half of the time period of the digestion;

(c) bleaching the digested bagasse in the following four-step process :

Step 1—contacting the digested bagasse with chlorine dioxide and chlorine at concentration of 0.5 to 1.5 weight per cent chlorine dioxide and 2 to 4 weight per cent chlorine, based on oven-dry bagasse,

Step 2—contacting the bagasse from step 1 with 2 to 4 weight per cent sodium hydroxide, based on oven-dry bagasse, at a temperature greater than 50°C.,

Step 3—contacting the bagasse from step 2 with 0.5 to 1.5 weight per cent chlorine dioxide, based on oven-dry bagasse, at a temperature greater than 50°C., and

Step 4—contacting the bagasse from step 3 with sodium hydrochlorite having up to 1.0 weight per cent available Cl<sub>2</sub>, based on oven-dry bagasse,

(d) washing the bleached bagasse with water, recovering therefrom a bagasse pulp capable of being dissolved and drying said pulp to a moisture content of less than about 10 weight per cent;

(e) adding sodium hydroxide to said dissolving pulp, and heating to form sodium cellulose;

(f) reacting said sodium cellulose in carbon disulfide to form sodium cellulose xanthate;

(g) dissolving said sodium cellulose xanthate in a sodium hydroxide solution; and

(h) flowing the soluble sodium cellulose xanthate viscose solution to a sulfuric acid bath to form rayon.

Comp. 20 page. Drags—Nil

CLASS 190-B & 91.  
Int. Cl.-F01d 21/00.

146853

**SAFETY SYSTEM FOR A STEAM TURBINE INSTALLATION.**

*Applicant* : BBC BROWN, BOVERI & COMPANY LIMITED OF BADEN, SWITZERLAND.

*Inventor* : ARTHUR OBERLE.

Application No. 1594/Cal/76 filed August 30, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A safety system for a steam turbine installation which comprises a steam generator, at least one stop valve located in the steam flow path from the steam generator upstream of the turbine and at least one vacuum break valve located in the steam flow path down-stream of the turbine, and a combined regulating and safety device connected of the turbine and which produces signals for controlling said stop and vacuum break valves, the improvement characterized by a combination of the following features :

(a) a means for monitoring steam flow downstream of said stop valve and which supplies a corresponding signal to a logic system, the value of said signal normally corresponding to the setting of said stop valve,

(b) said logic system in the event of a disparity serving to trip said regulating and safety device thereupon to effect a closure of said stop valve and a partial opening of said vacuum break valve, and

(c) upon detection of a further mass flow by said steam flow monitoring means after the prescribed partial vacuum has been reached, said logic system serves to move said vacuum break valve to its full open position and active means provided for protecting the turbine blading, whereas otherwise said vacuum break valve is closed again on attaining the prescribed partial vacuum.

Comp. 15 gages. Drag. 1 sheet

CLASS 206E, 67C & 126D.  
Int. Cl.-G05F 1/00.

146854.

**IMPROVEMENTS IN OR RELATING TO APPARATUS FOR INDICATING THE SEQUENCE OF ALTERNATING CURRENT SIGNALS.**

*Applicant* : THE GENERAL ELECTRIC COMPANY LIMITED, OF 1 STANHOPE GATE, LONDON W1A 1EH, ENGLAND.

*Inventors* : ADRIAN ORTON NEWBOULD, EDWARD PIPER WALKER AND ANTHONY WILLIAMS.

Application No. 2087/Cal/76 filed November 22, 1976.

Convention date : December 1, 1975 (49229/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

An apparatus for indicating the sequence of a pair of alternating current input signals comprising : first means which produces an output having a first value when the two input signals are of the same polarity and a second value when the two input signals are of opposite polarity, to thereby indicate in respect of each datum crossing in both input signals the sense of that datum crossing with respect to the polarity of the other input signal at the time of that datum crossing; second means which produces an output which assumes or remains at a first value in response to each datum crossing in one input signal and assumes or remains at a second value in response to each datum crossing in the other input signal; and third means responsive to the output of said second and first means which produces an output having a first value when the outputs of the first and second means both have their first values or both have their second values, and having a second value when the output of one of said first and

second means has its first value and other its second value, the output of the third means thereby having one value when one input signal lags the other, and its other value when that one input signal leads and other.

Comp. 21 pages. Drags. 4 sheets.

CLASS 107-H.  
Int. Cl.-F04f 5/00.

146855.

IMPROVEMENTS IN OR RELATING TO A DEVICE FOR OBVIATING THE RISK OF INJECTION FUEL LEAKAGE, MORE PARTICULARLY INTO THE COOLING SYSTEM OF DIESEL ENGINE INJECTORS.

*Applicant* : SOCIETE D'ETUDES DE MACHINES THERMIQUES S.E.M.T., OF 2, QUAI DE SEINE, 93202 SAINT-DENIS, FRANCE.

*Inventor* : DIRK BASTENHOF.

Application No. 54/Cal/77 filed January 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

8 Claims.

A device for obviating the risk of injection fuel leakage, more particularly into the cooling system of a Diesel engine injector at the glazed mating surfaces of the injector nozzle body and nozzle holder traversed by a fuel intake passage, by a central bore accommodating the injector push-rod and needle, and by at least one coolant inlet passage and one coolant return passage, characterized in that leakage fuel recovery passages are provided at the plane defined by the said mating surfaces of the injector, the said recovery passages being drilled between the said fuel intake passage and the said cooling passages and having no communication therewith.

Comp. 11 pages. Drags. 2 sheets.

CLASS 94F.  
Int. Cl.-B02C 13/00.

146856.

STRIKING PLATE FOR DISINTEGRATING MILL.

*Applicant* : REXNORD, INC., 3500 FIRST WISCONSIN CENTER, 777 EAST WISCONSIN AVENUE, MILWAUKEE, WISCONSIN 53202, U.S.A.

*Inventors* : THEODORE FOELLER GUNDLACH AND ARTHUR LEROY HAWTHORNE.

Application No. 355/DEL/77 Filed October 31, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Delhi.

1 Claim.

A striking plate for a disintegrating mill, comprising an elongate plate having a leading impact face with inner and outer edges, the leading impact face extending rearwardly from its inner edge toward its outer edge at substantially a constant angle for the major portion of its height, and extending relatively forward to its outer edge for a minor portion of its height, and an integral flange at each end of the plate extending forwardly of the leading impact face, the flanges including outwardly converging, flow-directing side surfaces adjacent the leading impact face and extending from the inner to the outer edge.

Comp. 17 pages. Drags. 2 sheets.

CLASS 9-E.

146857.

Int. Cl.-C22C 11/00.

HIGH STRENGTH LEAD ALLOY.

*Applicant* : GLOBE-UNION INC., OF 5757 NORTH GREEN BAY AVENUE, P.O. BOX 591, MILWAUKEE, WISCONSIN 53201, U.S.A.

*Inventors* : DENNIS LEO MARSHALL AND ANTHONY MATUSZEWSKI.

Application No. 2237/Cal/76 Filed December, 21, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

9 Claims. No Drawing.

A process of preparing a lead based strontium alloy containing 0.01—2% by weight of strontium, 0.1—5.0% by weight of tin, 0.005—0.1% by weight of aluminium, 0.0—25% by weight of copper and the balance lead by the conventional smelting procedure.

CLASS 187C 3.  
Int. Cl.-H04m-3/22.

146858.

ARRANGEMENT FOR SUPERVISION OF THE SEIZURE CONDITION QUALITY FOR A DEVICE BELONGING TO A GROUP OF DEVICES.

*Applicant* : TELEFONAKTIEBOLAGET L M ERICSSON, OF S-126 25 STOCKHOLM, SWEDEN.

*Inventors* : PARS KALLE LINDEM AND KJELL STIELIAN PERSSON.

Application No. 428/Cal/77 filed March 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

2 Claims.

Arrangement for supervision of a number of devices belonging to a group of devices in a telecommunication system, concerning the seizure condition quality, i.e. the ratio between the number of normal seizures and the total number of seizures, which devices (relays, relay sets, registers etc.) alternately are seized and released, characterized in that two counters are associated with each device, a first counter for counting the total number of seizures of said device, and a second counter for counting the number of seizures exceeding a certain minimum time, each device also having an equipment for measuring said minimum time, the arrangement furthermore includes dividing arrangements for periodical calculation of the ratio between the values from said second and said first counter, adding arrangements for individual adding of the values obtained from all said first counters and said second counters belonging to the group of devices, dividing arrangements for periodical calculation of the quotient between the sums obtained from said second counters and said first counters, a gate circuit for periodically feeding the quotient belonging to an individual device as well as the quotient belonging to the whole group of devices into a comparison arrangement for comparison of the quotient between the number of seizures exceeding a certain time and the total number of seizures for each individual device with the corresponding quotient for the whole group of devices, and alarm arrangements which produce alarm signals upon certain difference between said quotients.

Comp. 9 pages. Drag. 1 sheet

CLASS 99B.  
Int. Cl.-B65d 39/00.

146859.

IMPROVEMENTS IN CAN ENDS.

*Applicant* : METAL BOX LIMITED, OF QUEENS HOUSE, FORBURY ROAD, READING RG1 3JH, BERKSHIRE, ENGLAND.

*Inventors* : JOHN BEVERIDGE, JOZEF TADEUSZ FRANEK AND FREDERICK DANIEL BROOKES.

Application No. 1572/Cal/76 filed August 26, 1976.

Convention date 26th August 1975 (No. 35264/E5) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

6 Claims.

A can end adapted to be secured to a can body, a pouring opening in the can end, a plug forming a liquid-tight seal with the said opening, and normally disengaged can means provided respectively on the can end and the plug, the plug being capable of rotation about the axis thereof.

Comp. 12 pages. Drags. 7 sheets.

CLASS 69-A. 146860.  
Int. Cl.-H01h 1/00.

PROTECTION CIRCUIT FOR PROTECTING AN ELECTRICAL APPLIANCE CONNECTABLE TO A POLYPHASE SUPPLY.

*Applicant* : SOCIETE CHIMIQUE DES CHARBONNAGES, OF TOUR AURORE, 92080-PARIS LA DEFENSE, FRANCE.

*Inventor* : THADEE DOMANSKI.

Application No. 1068/Cal/76 filed June 17, 1976.

Appropriate office for opposing Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A protection circuit for protecting an electrical appliance connectable to a polyphase supply, comprising means for generating currents corresponding to the currents drawn by each phase of the polyphase supply, rectifying means for rectifying the generated currents and a read relay having a set of contacts connectable as a circuit breaker for the appliance and a winding means connected to receive the rectified currents, the rectified currents supplied to the winding means all assisting in the generation of a magnetic field to close the set of contacts whereby in the event of current failure in one or more phases of the supply, the magnetic field will drop sufficiently to allow the contacts to open.

Comp. 17 pages. Drags. 5 sheets.  
CLASS 63-I. 146861.

Int. Cl.-H02K 41/00.

ELECTROMAGNETIC DEVICES E.G. LINEAR MOTORS.

*Applicant* : LUCAS INDUSTRIES LIMITED OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

*Inventor* : ALEO HARRY SEILLY.

Application No. 1164/Cal/76 filed June 30, 1976.

Convention date 5th July, 1975 (No. 28435/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An electromagnetic device e.g. a linear motor comprises a pair of relatively movable parts and a winding which when supplied with electric current generates a magnetic field which results in a force acting between the parts to cause linear relative movement of the parts, the first of said parts defining a generally cylindrical working surface whilst the second part has a working surface presented to but spaced from the working surface of said first part, one of said parts having formed on its working a surface at least three screw thread formations, the thread formations each consisting of a pair of threads, winding sets associated with the thread formations respectively each winding set comprising windings located in said threads respectively and through which in use, the electric current can be caused to flow in opposite directions, the working surface of the other of said parts having one extra number of thread formations with the threads of the formations having the same helix angle whereby upon energisation of the windings the magnetic field produced by current flow in the windings will cause axial movement of the parts to effect a decrease in the reluctance of the magnetic powers between the parts and connection means whereby the windings of the sets can be selectively energised to produce relative movement of said parts.

Comp. 9 pages. Drags. 2 sheets.

CLASS 98F. 146862.  
Int. Cl.-F 24j 3/02.

ENERGY CONVERTER FOR THE CONVERSION AND SUBSEQUENT STORAGE OF ENERGY FROM OPTICAL SOURCES.

*Applicant* : JACK ST. CLAIR KILLBY OF 7723 MIDBURY, DALLAS, DALLAS COUNTY, TEXAS, UNITED STATES OF AMERICA AND TEXAS INSTRUMENTS INCORPORATED AT 13500 NORTH CENTRAL EXPRESSWAY, DALLAS, TEXAS 75211, UNITED STATES OF AMERICA.

*Inventors* : JAY WALTER LATHROP AND WILBUR ARTHUR PORTER.

Application No. 1256/Cal/76 filed July 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

An energy converter for the conversion and subsequent storage of energy from optical sources which comprises at least one photovoltaic device (111) adapted to be exposed to light (115) and an electrolyte (113) in physical contact with said photovoltaic device and adapted to wet at least partially said device, characterised in that said photovoltaic device comprises a semiconductor photovoltaic generator (111) located within container means (110) which container means also confines the electrolyte (113), said generator incorporating a semiconductor junction (111c) located between semiconductors (111a, 111b) of opposite conductivity, wherein upon being exposed to light after wetting with the electrolyte, the generator develops electric potential which causes current to flow through the electrolyte and produce therein an electro-chemical reaction, at least one of the products of such reaction being extracted through extraction means (56) provided in connection with the container means (110).

Comp. 29 pages. Drags. 4 sheets.

CLASS 159D. 146863.  
Int. Cl.-B41J 19/00.

AN ELECTROSTATIC PHOTOCOPYING MACHINE.

*Applicant* : MACNEILLI & MAGOR LIMITED OF 4 MANGOE LANE, CALCUTTA-700001, STATE OF WEST BENGAL, INDIA.

*Inventor* : HARBHAJAN SINGH.

Application No. 1381/Cal/1977 filed September 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An electrostatic photocopying machine having a support assembly for supporting a photoconductive plate, and a drive means for transporting said plate within said machine to the charging, exposure and cascading stations without removal of said plate from said machine, in which said support assembly comprises a support frame having a first chamber for storage of carrier beads provided at one end of said frame, and a second chamber provided at the opposite ends of said frame, said plate being placed between said first and second chambers on which said plate the said carrier beads flow from one chamber to another.

Comp. 15 pages. Drags. 2 sheets.

CLASS 126-C, 126-D. 146864.  
Int. Cl.-B01R 5/02.

IMPROVEMENTS IN OR RELATING TO SERVO-ACTUATORS.

*Applicant* : INSTRUMENTATION LIMITED OF KOTA 324005, RAJASTHAN, INDIA.

*Inventors* : RAMASHRI CHANDRA AGRAWAL AND CHHERAVALLY JIOM NARAYAN PWARAN NAMBU-DIRI.

Application No. 6/DEL/76 filed October 16, 1976.

Complete Specification Left, January 16, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

## 11 Claims.

A servo-actuator for use in or with an electronic indicator instrument comprising a housing having disposed at approximately its central longitudinal axis a spindle of magnetic metal provided at each of its ends with an assembly of magnets arranged in a predetermined manner to provide the desired polarity, a pointer assembly disposed in relation to the spindle and provided with a coil conductor which, when subjected to an electric current, causes the pointer assembly to slide along the spindle due to the effect of the magnetic field created within the spindle by the magnetic assemblies, the pointer assembly being further provided with a pointer adapted to slide in consonance with the movement of the pointer assembly longitudinally on or over an indicator dial and being still further provided with a contact plate assembly adapted to maintain contact with a sliding wire assembly disposed parallel to the spindle during the movement of the pointer assembly, the slide wire assembly possessing wire windings which are adapted to be fed with a constant voltage supply so as to provide a reference voltage similar to a primary signal at the balance position of the overall electric connections.

Comp. 11 pages. Drag. 3 sheets.

CLASS 27 (L & O).  
Int. Cl.-E 04 C1/00.

146865.

## "A COMPOSITE MONOLITHIC BUILDING STRUCTURE."

*Applicant* : SHREE PADMANNA JAMBU CHAUGULE, C/O. SHREE BAPU BHUJGONDA PATIL, POST OFFICE: KAROCHI, TALUKA : HATKANANGALE, DIST : KOLHAPUR, MAHARASHTRA, INDIA.

*Inventor* : SHREE PADMANNA JAMBU CHAUGULE.

Application No. 326/Bom/1975 with provisional application filed on 20th November, 1975.

Application Nos. : 328/Bom/75 filed on November 20, 1975  
35/Bom/76 filed on January 29, 1976  
153/Bom/76 filed on May 17, 1976,  
(Cognated) one complete specification left on 18th November, 1976 under Section 9(2) of the Patent Act, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 4 Claims.

A composite monolithic building structure comprising building components of predetermined shape laid to extend in rows according as the layout of the structure; and reinforcements provided at predetermined intervals to interconnect and strengthen the building components such that the locations of intersections and contacts of the reinforcements are selectively welded at predetermined intervals and the joints between the building components, and the exposed reinforcements in the proximity of the building components are filled and/or covered with cementing material.

Prov. 6 pages. Comp. 33 pages Drag. 6 sheets

CLASS 134A & 160D & 205G.  
Int. Cl.-B601 11/18

146866.

## MOTORIZED WHEEL FOR VEHICLES

*Applicant & Inventors* : DESOOR RAJAGOPAL, DEVA-SENADHIPATHY, "SHIVA KRUPA", NO. 258 VII BLOCK JAYANAGAR, BANGALORE-560011, KARNATAKA STATE & DESOOR RAJAGOPAL VISHWESVARAN "SHIVA KRUPA" NO. 258 VII BLOCK JAYANAGAR, BANGALORE-560011, KARNATAKA STATE.

Application No. 206/Mas/76 filed October 26, 1976

Complete Specification left January 9, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch

## 8 Claims.

A motorised wheel for vehicles characterised in that a motor is provided on the central axle of the wheel such that

the stator of the motor is adapted to be rigidly fitted to said central axle, and the rotor of the motor is adapted to be connected to the rim of the wheel, the motor thus constituting the hub of the wheel, the terminals of the motor being adapted to be connected directly or through a speed regulating device to a power supply source, and both ends of the said central axle being adapted to be fitted to the frame of a vehicle.

(Prov. 5 Pages; Com. 11 pages; Drgs. 3 sheets).

CLASS 64B, & 129Q. 146867.  
Int. Cl.-H01r 5/04; 43/02 & B23k 29/00.

## IMPROVEMENTS IN OR RELATING TO THE METHOD OF JOINTING OF ALUMINIUM CONDUCTORS HAVING STEEL REINFORCEMENT AND A JOINTED CONDUCTOR PRODUCED BY THE SAID METHOD.

*Applicant* : IDL CHEMICALS LIMITED, SANAT-NAGAR (I.E.) P.O. HYDERABAD-18, ANDHRA PRADESH, INDIA.

*Inventors* : NARAYANASWAMY JAYARAMAN, (2) MIRDODDA LAKSHMINARAYANA & BUDERIA NARASIMHA ACHARYA.

Application No. 253/Mas. 67 filed December 14, 1976.

Complete Specification Left January 20, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

## 6 Claims.

A method of jointing aluminium conductors having reinforcement comprising the steps of opening up the respective steel core strands of the conductors and inserting the same into a first snug fitting tube of metal (preferably of steel) such that the ends of the steel strands meet inside the said tube or leave a small gap therebetween; slipping a second snug fitting tube of metal (preferably of aluminium) over the aluminium strands of the conductors; covering the second tube with a sheath and providing an explosive thereon; and setting off the explosive, thereafter, to cause explosive welding of the first and second tubes and the conductors.

(Prov. 6 pages. Com. 8 pages; Drgs. 1 sheet).

## OPPOSITION PROCEEDINGS

An opposition has been entered by Escon Consultants Private Limited to the grant of a patent on application No. 146162 made by Director General, Research, Designs & Standards Organisation, Lucknow.

CORRECTION OF CLERICAL ERRORS  
UNDERR SECTION 78(3)

## (1)

The title in the application and specification and also opening description of the specification of patent application No. 143360 (earlier numbered as 747/Cal/76) made by Bharat Heavy Electrical Limited, the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 5th November 1977 has been corrected to read as "A device and process for welding by utilizing a non-consumable tungsten electrode" under Section 78(3) of the Patents Act, 1970.

## (2)

The title in the application, specification and also opening description of the specification of application for Patent No. 143564 (earlier numbered as 604/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 24th December, 1977 has been corrected to read as "a method of increasing the bulk density of colloidal silicon dust", under Section 78(3) of the Patents Act, 1970.

## (3)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 143611 (earlier numbered as 251/Bom/75) the complete specification of which was notified in

Part III, Section 2 of the Gazette of India dated the 31st January 1977 has been corrected to read as "A device for improving the performance of an internal combustion engine and an internal combustion engine incorporating the same", under Section 78(3) of the Patents Act, 1970.

(4)

The title in the application, specification and also opening description of the specification of application for Patent No. 143664 (earlier numbered as 938/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 14th January, 1978 has been corrected to read as process for the manufacture of a composite bamboo structural member, the structural member made thereby and a bamboo fencing post obtained therefrom, under Section 78(3) of the Patents Act, 1970.

(5)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No. 143670 (earlier numbered as 128/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 14th January, 1978 has been corrected to read as mechanism for feeding single sheet from a stack of sheets and a duplicating machine incorporating the same, under Section 78(3) of the Patents Act, 1970.

(6)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 143677 (earlier numbered as 2199/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 14th January, 1978 have been corrected to read as "process for preparing fibrils or microfibres of synthetic polymers and fibrils or microfibres of synthetic polymers so prepared" under Section 78(3) of the Patents Act, 1970.

(7)

The title of the invention in the application and specification as well as opening description of the specification of Application for Patent No. 143697 (earlier numbered as 139/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 14th January, 1978 has been corrected to read as "process for the production of pile surfaced synthetic material and the pile surfaced synthetic material obtained therefrom", under Section 78(3) of the Patents Act, 1970.

(8)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 143785 (earlier numbered as 1997/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 4th February, 1978 have been corrected to read as "process and apparatus for removing impurities from gases," under Section 78(3) of the Patents Act, 1970.

(9)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 143814 (earlier numbered as 2469/Cal/74) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 has been corrected to read as "An assembly for use in a fibre processing machine and a fibre processing machine incorporating it", under Section 78(3) of the Patents Act, 1970.

(10)

The title of the invention in the application and specification as well as the opening description of the specification of Patent application No. 143819 (earlier numbered as 931/

Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 has been corrected to read as "A stationary carding plates assembly and a carding machine incorporating it under Section 78(3) of the Patents Act, 1970.

(11)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 143829 (earlier numbered as 324/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 have been corrected to read as "a process and a device for electro thermal smelting of lead from lead sulphide concentrate", under Section 78(3) of the Patents Act, 1970.

(12)

The title of the invention in the application and specification and as well as opening description of the specification in respect of Patent application No. 143839 (earlier numbered as 141/Bom/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 has been corrected to read as "A process for the production of detergent composition and detergent composition so produced", under Section 78(3) of the Patents Act, 1970.

(13)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 143849 (earlier numbered as 340/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th February, 1978 have been corrected to read as "a process of enamelling any grade of cast iron or mild steel for the purpose of making electrical resistors and highly insulated wire wound resistor," under Section 78(3) of the Patents Act, 1970.

(14)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No. 143884 (earlier numbered as 1534/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th February, 1978 has been corrected to read as "A double or two-for-one twisting spindle and a spinning or twisting machine incorporating it", under Section 78(3) of the Patents Act, 1970.

(15)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 143989 (earlier numbered as 2224/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 4th March, 1978 has been corrected to read as "plastics pipe having a wall with lengthwise extending channels and a method for its manufacture" under Section 78(3) of the Patents Act, 1970.

(16)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 144109 (earlier numbered as 2284/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th March, 1978 have been corrected to read as "Separation of hydrogen and carbon dioxide in a process for the production of hydrogen and carbon dioxide and an apparatus therefor", under Section 78(3) of the Patents Act, 1970.

(17)

The title of the invention in the application and specification as well as opening description of the specification of

application for Patent No 144143 (earlier numbered as 1300/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 1st April, 1978 has been corrected to read as "Method of making yarns from angora rabbits wool and synthetic fibres and yarns made by such method" under Section 78(3) of the Patents Act, 1970

(18)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No 144148 (earlier numbered as 1916/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 1st April, 1978 has been corrected to read as "A process for the manufacture of mica sheet and mica sheet so manufactured", under Section 78(3) of the Patents Act, 1970

(19)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No 144177 (earlier numbered as 102/Mas/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 1st April, 1978 has been corrected to read as "A roller cover used in the spinning or drafting of textile fibres and a process of manufacturing it", under Section 78(3) of the Patents Act, 1970.

(20)

The title in the application, specification and also opening description of the specification of application for Patent No 144280 (earlier numbered as 1822/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 8th April, 1978 has been corrected to read as "A prime mover control system" under Section 78(3) of the Patents Act, 1970

(21)

The title of the invention in the application and specification as well as the opening description of the specification of Patent Application No 144452 (earlier numbered as 1241/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 6th May, 1978 has been corrected to read as "a variable displacement fluid energy transmitting device" under Section 78(3) of the Patents Act, 1970

(22)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No 144573 (earlier numbered as 1637/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 20th May, 1978 has been corrected to read as "method and apparatus for filling a plurality of storage batteries with acid" under Section 78(3) of the Patents Act, 1970

(23)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No 144608 (earlier numbered as 1625/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 20th May, 1978 has been corrected to read as "a fuel injector and an internal combustion engine in combination with the same" under Section 78(3) of the Patents Act, 1970

(24)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No 144765 (earlier numbered as 9/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 1st July 1978 has been corrected to read as "process and apparatus for producing a high-strength laminate a high strength lami

nate produced thereby, a stack and package obtained therefrom" under Section 78(3), of the Patents Act, 1970

(25)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No 144788 (earlier numbered as 2279/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 8th July, 1978 has been corrected to read as "profiled pressing roller for sheet and web like material transport and a device utilizing the roller and a device for the unilateral application of a layer of liquid on a sheet", under Section 78(3) of the Patents Act, 1970

(26)

The title of the invention in the application and specification as well as opening description of the specification of Application for Patent No 145250 (earlier numbered as 75/Del/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 16th September, 1978 has been corrected to read as "a process and apparatus for producing precast ferrocement cylindrical units and the precast ferrocement cylindrical units obtained therefrom", under Section 78(3) of the Patents Act, 1970

(27)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No 145380 (earlier numbered as 237/Bom/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 30th September, 1978 has been corrected to read as "A process for preparing a detergent composition and the detergent composition thus prepared", under Section 78(3), of the Patents Act, 1970

(28)

The title of the invention in the application and specification as well as opening description of the specification of Patent Application No 145388 (earlier numbered as 1150/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 30th September, 1978 has been corrected to read as "electrically driven apparatus for operating a railway point and a railway point incorporating such apparatus", under Section 78(3) of the Patents Act, 1970

(29)

The title in the application specification and also opening description of the specification of application for Patent No 145404 (earlier numbered as 2084/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 7th October 1978 has been corrected to read as "apparatus and method for manufacturing metal strip", under Section 78(3) of the Patents Act, 1970

(30)

The title of the invention in the application specification and also the opening description of the specification in respect of Patent Application No 145405 (earlier numbered as 2085/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 7th October 1978 have been corrected to read as "Method and apparatus for manufacturing metal strip and metal strip obtained therefrom", under Section 78(3) of the Patents Act, 1970

(31)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No 145415 (earlier numbered as 1347/Cal/77) the acceptance of the complete specification of which

was notified in Part III, Section 2 of the Gazette of India dated the 7th October, 1978 has been corrected to read as "a process for producing an acid agent", under Section 78(3) of the Patents Act, 1970.

(32)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No. 145578 (earlier numbered as 2147/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th November, 1978 has been corrected to read as "A link and the cutting chain incorporating it", under Section 78(3) of the Patents Act, 1970.

(33)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 145604 (earlier numbered as 1259/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 18th November, 1978 have been corrected to read as "Barrel-carrying waterborne vessel" under Section 78(3) of the Patents Act, 1970.

## PATENTS SEALED

139071 144070 144093 144193 144201 144478 144488 144554  
 144555 145002 145139 145362 145421 145446 145461 145462  
 145473 145513 145522 145525 145640 145702 145715 145755  
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## AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that the Director, Central Water and Power Research Station an Indian national, of P.O. Khadakwasla Research Stations, Poona, India has made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of his application for Patent No. 143492 for "A device for measuring the water speeds at a plurality of locations". The amendments are by way of correction so as to define the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Todi Estates, Lower Parel, Bombay-400 013 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Branch, Bombay. In the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that The Sarangpur Cotton Manufacturing Company Limited, an Indian Company, of Amaraiwadi Road, Ahmedabad-8, Gujarat, India have made an application under Section 57 of the Patents Act, 1970, for the amendment of the application form of their application for Patent No. 145431 for "Process for the preparation of anionic dyestuffs in the form of minute discrete aggregates" by changing their address for service to "Messrs. Remfry & Son, Kanchenjunga, 18, Barakhamba Road, New Delhi-110 001. The amendments are by way of correction. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office Branch, Todi Estates, Lower Parel, Bombay-400 013, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendments may file a notice

of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office Branch, Bombay. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Luigi Stoppani S.p.A., of 20123 Milan (Italy)-Corso Magenta, 85, Italy, have made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of their Patent No. 145590 for "A method for decontaminating waste material from chromium mineral processing by wet treatment with sulphur". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing of the said notice.

(4)

Notice is hereby given that UBE Industries Ltd., a corporation organised and existing under the laws of Japan, of 12-32, 1-chome, Nishi-Honmachi, Obe-Shi, Yamaguchi-Ken, Japan, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 145965 for "Process for preparing diesters of dicarboxylic acids". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

## RENEWAL FEES PAID

94592 95279 95567 95669 95698 95780 95855 95875 95952  
 96460 101094 101212 101376 101423 101523 101567 101652  
 101674 101720 101758 101841 102376 102529 102530 105068  
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 143766 143773 144933 145049

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 92049 granted to Heemanshu Traders for an invention relating to "improvements in or relating to electric horns for motor cars, scooters and like vehicles". The patent ceased on the 3rd February 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 3rd March 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 120434 granted to Devi Prasad Agarwal for an invention relating to "a box-file". The patent ceased on the 19th March 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13th January 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 130803 granted to Josef Wischin for an invention relating to "reinforcing bars for concrete and their manufacture". The patent ceased on the 30th March 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 2nd July 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 135183 granted to The Fertilizer Corporation of India Limited, for an invention relating to "an electric furnace in combination with heat control device". The patent ceased on the 6th April 1979 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 135819 granted to Uralsky Zavod Tyazhelogo Mashinostroeniya Imeni Sergo Ordzhonikidze for an invention relating to "plant for continuous casting of metal". The patent ceased on the 16th June 1978, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139840 granted to Bayer Aktiengesellschaft for an invention relating to "process for the preparation of 1-(2-β-naphthoxy)-ethyl)-3-methyl Pyridine". The patent ceased on the 12th May 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 23rd June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142922 granted to Sherritt Gorden Mines Limited for an invention relating to "treatment of lead sulphide bearing material". The patent ceased on the 4th October 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 30th June 1979.

Any interested person may give notice of Opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 143099 granted to Clayton Dewandre Company Limited, for an invention relating to "improvements in or relating to dual brake valves". The patent ceased on the 10th October 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was

notified in the Gazette of India, Part III, Section 2 dated the 30th June 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 29th November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

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#### COPYRIGHT EXTENDED FOR SECOND PERIOD OF FIVE YEARS

Design No. 141439

Class 1.

Design No. 141939

Class 3

Design Nos. 141719, 141721, 141720

Class 4

#### COPYRIGHT EXTENDED FOR THIRD PERIOD OF FIVE YEARS.

Design Nos. 141720, 141719 141721, 141439 Class 4.

#### REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (DESIGNS).

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration.

122989. } Shri Rakesh Kamboj &  
126914 } Shrimati Shanti Devi Kamboj.

S VEDARAMAN  
CONTROLLER-GENERAL OF PATENTS,  
DESIGNS, AND TRADE MARKS

